actidata
We care about data

actiNAS Series

actiNAS Series:

actidata actiNAS Series provide storage solutions that meet the increasing demands of users who need to share files in heterogeneous environments.

Backup windows are shrinking and rapid files restores are more important than ever. The actiNAS Series of Network Attached Solutions (NAS) is designed with this in mind and provides storage expansion, rapid file access and convenient file sharing for high data availability, fast recovery, data protection and easy data management.

Product Highlights:

- **Optimized System Density**

  Modular design facilitates easy system upgrades, installation and maintenance. Compact design maximizes rack space usage

- **Ease of Deployment and Recovery**

  The actiNAS Series are relatively easy to deploy without drastic reconfigurations to the network for file-level or block-level access

- **Easy Backup / Archiving Integration**

  The actiNAS Series offer connectivity support for external tape unit or tape autoloader via its Ultra 320 SCSI controller which allows direct connection to a tape device, autoloader or libraries.

- **Flexible and Compliant with Future Technology**

  The actiNAS Series is designed to meet today and tomorrow's demanding open-systems requirements while establishing a new standard for life cycle longevity with field-replaceable host interface cards

- **High Availability**

  Takes advantage of proven features including a high performing and scalable operating system, data management software and redundancy features

- **Maximization of Resources**

  Highly efficient storage utilization makes it possible for dramatically reducing consumption of raw storage, power, cooling, and space.

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The actiNAS Series allows simplification of the ever-growing need for business continuity and data retention. Providing storage solutions that are designed to provide low total cost of ownership, high performance, robust functionality and unparalleled ease of use.

General	actiNAS 400	actiNAS 800	actiNAS 1600 /JBOD
Processor	Intel Dual Core E6300 (2MB L2 Cache, 2.8GHz, 1066MHz FSB)	Intel Quad-Core Xeon X3430 (8MB L3 Cache, 2.4GHz)	Intel Quad-Core Xeon E5504 (4MB L3 Cache, 2.0GHz)
Form Factor	1U	2U	3U
Memory	2GB standard, expandable to 8GB (DDR3-1066/1333 DIMM memory)	2GB standard, expandable to 32GB (DDR3-1066/1333, ECC / non-ECC DIMM memory)	3GB standard, expandable to 96GB (DDR3-1066/1333, ECC / non-ECC DIMM memory)
No. of CPU	1	1	1 (upgradable to 2)
Storage			
HDD Interface Technology	Serial-ATA II / SAS 3Gbps	Serial-ATA II / SAS 3Gbps	Serial-ATA II (Hot Swappable) / SAS 3Gbps
No. of HDD	4 (maximum 2.0TB capacity per HDD bay)	8 (maximum 2.0TB capacity per HDD bay or more by adding additional RAID enclosures)	16 (maximum 2.0TB capacity per HDD bay or more by adding additional RAID enclosures)
Solid State Drive (SSD)	-	32GB	32GB
Type of RAID	Hardware Serial-ATA II / SAS RAID	Hardware Serial-ATA II / SAS RAID	Hardware Serial-ATA II / SAS RAID
Raid level Support	RAID level 0, 1, 3, 5 and 6	RAID level 0, 1, 3, 5, 6, 10, 30, 50, 60 or JBOD	RAID level 0, 1, 3, 5, 6, 10, 30, 50, 60 or JBOD
Interface			
LAN	2 x Auto Sensing Gigabit NICs embedded 10/100/1000 Mbps (RJ45)	4 x Auto Sensing Gigabit NICs embedded 10/100/1000 Mbps (RJ45)	4 x Auto Sensing Gigabit NICs embedded 10/100/1000 Mbps (RJ45)
SCSI	N.A. (optional Add-on)	N.A. (optional Add-on)	N.A. (optional Add-on)
SAS	N.A. (optional Add-on)	N.A. (optional Add-on)	1 x Integrated SAS port
USB	2 x USB 2.0 port	4 x USB 2.0 port	4 x USB 2.0 port
RS232	1 x Serial port	1 x Serial port	1 x Serial port
Electrical Rating			
Type	Single PSU	Single PSU	Redundant Power Supply
Rated Voltage	Auto ranging 100 to 240 VAC @ 50/60 Hz		
Rated Current	3.2-6.3 Amp	4-8.5 Amp	10 - 14 Amp
Rated Current	450W	560W	800W
Operating Systems			
NAS Operating Systems	Microsoft® WSS™ 2008 64bit Workgroup Edition	Microsoft® WSS™ 2008 64bit Standard Edition	Microsoft® WSS™ 2008 64bit Standard Edition
Network File System Protocol	SMB / CIFS, NFS, DFS, Appletalk, HTTP & FTP		
Management Interface	Remote Desktop		
Management Protocol Support	SNMP, SMTP notification		
Access Control	Active Directory Service, UNIX NIS		
Snapshot Technology	Microsoft Volume Shadow Copy Services (VSS)		
Backup Software	Windows Backup (or optional 3rd party that supports WSS 2008)		
Anti-Virus	Optional 3rd party that supports WSS 2008		

About actidata

actidata GmbH, based in Dortmund (Germany), is a young and innovative IT company with outstanding solutions competency in the backup and archiving area. The company is active in the core market in Europe and Asia and focuses on the corporate customer segment. **actidata** aims at establishing itself as a leading storage provider in the B2B area. A highly motivated and experienced team of professionals is committed to the superior quality and reliability of the **actidata** products: These include tape drives, autoloaders and libraries based on the LTO tape technology platform as well as the disk-based removable storage system **actiDisk** RDX. The product range of the storage expect further includes LTO and RDX media.

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